A2575-1 6/6/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *MAY* 27, 1983 **NO.** 21

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 05/27/83	Last Week Ending: 05/20/83	Last Year Week Ending: 05/28/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,075	11,902	12,186	+ 173	- 111
Operable capacity	16,854	16,854	17,492	0	- 638
Percent operated	71.6	70.6	69.7		
Motor Gasoline					
Total motor gasoline production	6,606	6,376	6,421	+ 230	+ 185
Finished leaded motor gasoline production	3,083	2,863	*N/A*	+ 220	*N/A*
Finished unleaded motor gasoline production	3,523	3,513	*N/A*	+ 10	*N/A*
Total motor gasoline stocks	223,732	224,349	213,067	- 617	+ 10,665
Finished leaded motor gasoline stocks	92,564	91,182	*N/A*	+ 1,382	*N/A*
Finished unleaded motor gasoline stocks	94,105	94,356	84,736	- 251	+ 9,369
Distillate Fuel Oil					
Distillate fuel oil production	2,386	2,342	2,678	+ 44	- 292
Distillate fuel oil stocks	111,571	109,817	110,069	+ 1,754	+ 1,502
Residual Fuel Oil					
Residual fuel oil production	861	897	1,111	- 36	- 250
Residual fuel oil stocks	47,648	47,805	53,630	- 157	- 5,982
Imports					
Crude oil imports	2,932	3,081	3,239	- 149	- 307
Product imports	1,424	1,466	1,623	- 42	- 199
Crude Oil Stocks					
Crude oil stocks	358,966	360,242	359,774	- 1,276	- 808

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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STATISTICS DEPARTMENT
VOL. 64 For Week Ended MAY 27, 1983 NO. 21

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,187	990	1,047	1,569	66.7
Appal. No. 1	97	93	96	98	98.0
DISTRICT 1 TOTAL	1,284	1,083	1,143	1,667	68.6
Appal. No. 2	60	56	60	66	90.9
Ind., Ill., Ky.	1,695	1,599	1,638	2,399	68.3
Minn., Wis., Daks.	224	211	221	293	75.4
Okla., Kans., Mo.	752	641	654	858	76.2
DISTRICT 2 TOTAL	2,731	2,507	2,573	3,616	71.2
Inland Texas	563	485	513	592	86.7
Texas Gulf Coast	3,328	2,951	3,052	4,164	73.3
La. Gulf Coast	2,022	1,849	1,880	2,748	68.4
N. La. and Ark.	170	146	172	314	54.8
New Mexico	105	87	89	117	76.1
DISTRICT 3 TOTAL	6,188	5,518	5,706	7,935	71.9
DISTRICT 4 TOTAL	429	424	429	553	77.6
DISTRICT 5 TOTAL	2,356	2,161	2,224	3,083	72.1
TOTAL U.S.	12,988	11,693	12,075	16,854	71.6
TOTAL U.S. Weeks Ended:					
MAY 20, 1983	12,810	11,479	11,902	16,854	70.6
MAY 28, 1982	13,010	11,832	12,186	17,492	69.7
DISTRICTS 1–4 Weeks Ended:					
MAY 27, 1983	10,632	9,532	9,851	13,771	71.5
MAY 20, 1983	10,614	9,339	9,687	13,771	70.3
MAY 28, 1982	10,955	9,734	10,049	14,408	69.7

API WEEKLY STATISTICAL BULLETIN
Week Ended *MAY* 27, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	601	174	427	16	38	224	87
Appal. No. 1	37	21	16	2	--	23	7
DISTRICT 1 TOTAL	638	195	443	18	38	247	94
Appal. No. 2	39	25	14	1	1	10	2
Ind., Ill., Ky.	1,148	540	608	15	69	254	41
Minn., Wis., Daks.	131	49	82	3	9	49	6
Okla., Kans., Mo.	465	309	156	7	26	151	14
DISTRICT 2 TOTAL	1,783	923	860	26	105	464	63
Inland Texas	344●	180●	164●	38	44	95●	22
Texas Gulf Coast	1,522	727	795	56	204	667	228
La. Gulf Coast	974	434	540	12	198	354	105
N. La. and Ark.	56	36	20	7	--	46	7
New Mexico	44	23	21	25	1	25	3
DISTRICT 3 TOTAL	2,940●	1,400●	1,540●	138	447	1,187●	365
DISTRICT 4 TOTAL	228	128	100	13	18	117	15
DISTRICT 5 TOTAL	1,017	437	580	58	232	371	324
TOTAL U.S.	6,606	3,083	3,523	253	840	2,386	861
TOTAL U.S. Weeks Ended:							
MAY 20, 1983	6,376●	2,863●	3,513●	253	758	2,342●	897
MAY 28, 1982	6,421	*N/A*	*N/A*	184	642	2,678	1,111
DISTRICTS 1-4 Weeks Ended:							
MAY 27, 1983	5,589	2,646	2,943	195	608	2,015	537
MAY 20, 1983	5,466●	2,431●	3,035●	197	537	2,012●	549
MAY 28, 1982	5,566	*N/A*	*N/A*	140	493	2,362	817

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*
NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,030	3,121	2,909	--	152	901	4,633	2,224	--
Central Atlantic	29,804●	12,139●	13,803	3,862	723	5,048●	20,565●	14,409	12,935
Lower Atlantic	29,256	15,066	13,973	217	267	4,429	12,664	3,816	632
DISTRICT 1 TOTAL	65,090●	30,326●	30,685	4,079	1,142	10,378●	37,862●	20,449	13,567
DISTRICT 2 TOTAL	63,290	27,623	27,621	8,046	1,351	7,863	30,067	3,624	20,127
DISTRICT 3 TOTAL	62,725	22,889	24,023	15,813	2,951	10,362	30,533	12,623	48,856
DISTRICT 4 TOTAL	7,377	2,968	1,648	2,761	357	685	2,855	548	2,943
DISTRICT 5 TOTAL	25,250	8,758	10,128	6,364	1,515	6,399	10,254●	10,404	21,357
TOTAL U.S.	223,732	92,564	94,105	37,063	7,316	35,687	111,571	47,648	106,850
TOTAL U.S.									
Weeks Ended:									
MAY 20, 1983	224,349●	91,182●	94,356	38,811	7,367	34,537●	109,817●	47,805	109,074
MAY 28, 1982	213,067	*N/A*	84,736	*N/A*	6,297	35,703	110,069	53,630	119,502
DISTRICTS 1-4									
Weeks Ended:									
MAY 27, 1983	198,482	83,806	83,977	30,699	5,801	29,288	101,317	37,244	85,493
MAY 20, 1983	199,436●	82,439●	84,645	32,352	5,904	28,207●	99,827●	37,284	84,549
MAY 28, 1982	190,362	*N/A*	76,771	*N/A*	4,970	30,084	99,627	45,377	90,508

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *MAY* 27, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *JAN.* 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAY 27, 1983	5,906.0	5,830.0	2,669	214	273,331
MAY 20, 1983	5,906.0	--	2,822	232	274,618
MAY 13, 1983	5,906.0	--	2,444	206	271,693
MAY 6, 1983	5,893.5	--	2,776	236	272,390
DISTRICT 5 TOTAL					
MAY 27, 1983	2,820.5	2,830.0	263	--	85,635 *
MAY 20, 1983	2,820.5	--	259	7	85,624
MAY 13, 1983	2,820.5	--	274	7	88,299
MAY 6, 1983	2,818.5	--	145	--	85,456
TOTAL U.S.					
MAY 27, 1983	8,726.5	8,660.0	2,932	214	358,966 *
MAY 20, 1983	8,726.5	--	3,081	239	360,242
MAY 13, 1983	8,726.5	--	2,718	213	359,992
MAY 6, 1983	8,712.0	--	2,921	236	357,846
MAY 28, 1982	8,711.7/A	--	3,239	191	359,774

**INCLUDES 29,532 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DOE ACTUAL FOR MAY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAY. 27, 1983	18,529	81,163	159,005	14,634	273,331	85,635 *	358,966 *
MAY. 20, 1983	18,040	80,316	160,923	15,339	274,618	85,624	360,242
MAY. 28, 1982	20,715	78,388	161,981	15,462	276,546	83,228	359,774

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended MAY 27, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	--	9	--	--	9
Central Atlantic	168●	110●	58	--	17	--	391	--	74	3	653●
Lower Atlantic	--	--	--	--	--	85	63	--	--	--	148
DISTRICT 1 TOTAL											
MAY 27, 1983	168	110	58	--	17	85	454	9	74	3	810
MAY 20, 1983	116●	60●	56	--	9	60	656	15	104	136	1,096●
MAY 13, 1983	406	351	55	--	12	45	568	10	54	63	1,158
MAY 6, 1983	206	150	56	--	14	88	660	9	216	92	1,285
DISTRICTS 2-4 TOTAL											
MAY 27, 1983	13	13	--	--	--	8	35	178	76	196	506
MAY 20, 1983	15	15	--	--	--	--	55	157	38	26	291
MAY 13, 1983	40	40	--	--	--	4	9	172	335	57	617
MAY 6, 1983	6	6	--	--	--	--	16	174	29	74	299
DISTRICT 5 TOTAL											
MAY 27, 1983	65	57	8	--	3	4	17	14	--	5	108
MAY 20, 1983	33	25	8	--	2	7	11	17	--	9	79
MAY 13, 1983	67	59	8	--	3	6	11	15	--	8	110
MAY 6, 1983	39	32	7	--	1	7	12	12	--	8	79
TOTAL U.S.	246	180	66	--	20	97	506	201	150	204	1,424
TOTAL U.S. Weeks Ended:											
MAY 20, 1983	164●	100●	64	--	11	67	722	189	142	171	1,466●
MAY 13, 1983	513	450	63	--	15	55	588	197	389	128	1,885
MAY 6, 1983	251	188	63	--	15	95	688	195	245	174	1,663
MAY 28, 1982	172	N/A	70	--	12	74	841	175	326	23	1,623

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

● SEE REVISIONS ON PAGE 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

5/20/83	PAGE 2	TOTAL MGAS	INLAND TEXAS	261
			DISTRICT 3 TOTAL	2,902
			TOTAL U.S.	6,376
			DISTRICTS 1-4	5,466
		LEADED MGAS	INLAND TEXAS	123
			DISTRICT 3 TOTAL	1,239
			TOTAL U.S.	2,863
			DISTRICTS 1-4	2,431
		UNLEADED MGAS	INLAND TEXAS	138
			DISTRICT 3 TOTAL	1,663
			TOTAL U.S.	3,513
			DISTRICTS 1-4	3,035
		DISTILLATE FUEL	INLAND TEXAS	108
			DISTRICT 3 TOTAL	1,182
			TOTAL U.S.	2,342
			DISTRICTS 1-4	2,012
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	30,269
			DISTRICT 1 TOTAL	65,469
			TOTAL U.S.	224,349
			DISTRICTS 1-4	199,436
		LEADED MGAS	CENTRAL ATLANTIC	12,550
			DISTRICT 1 TOTAL	30,570
			TOTAL U.S.	91,182
			DISTRICTS 1-4	82,439
		KEROSINE JET	CENTRAL ATLANTIC	4,820
			DISTRICT 1 TOTAL	10,020
			TOTAL U.S.	34,537
			DISTRICTS 1-4	28,207
		DISTILLATE FUEL	CENTRAL ATLANTIC	18,872
			DISTRICT 1 TOTAL	37,000
			DISTRICT 5 TOTAL	9,990
			TOTAL U.S.	109,817
			DISTRICTS 1-4	99,827
	PAGE 5	TOTAL MGAS	CENTRAL ATLANTIC	116
			DISTRICT 1 TOTAL	116
			TOTAL U.S.	164
		LEADED MGAS	CENTRAL ATLANTIC	60
			DISTRICT 1 TOTAL	60

REVISIONS

TOTAL	TOTAL U.S.	100
	CENTRAL ATLANTIC	780
	DISTRICT 1 TOTAL	1,096
	TOTAL U.S.	1,466

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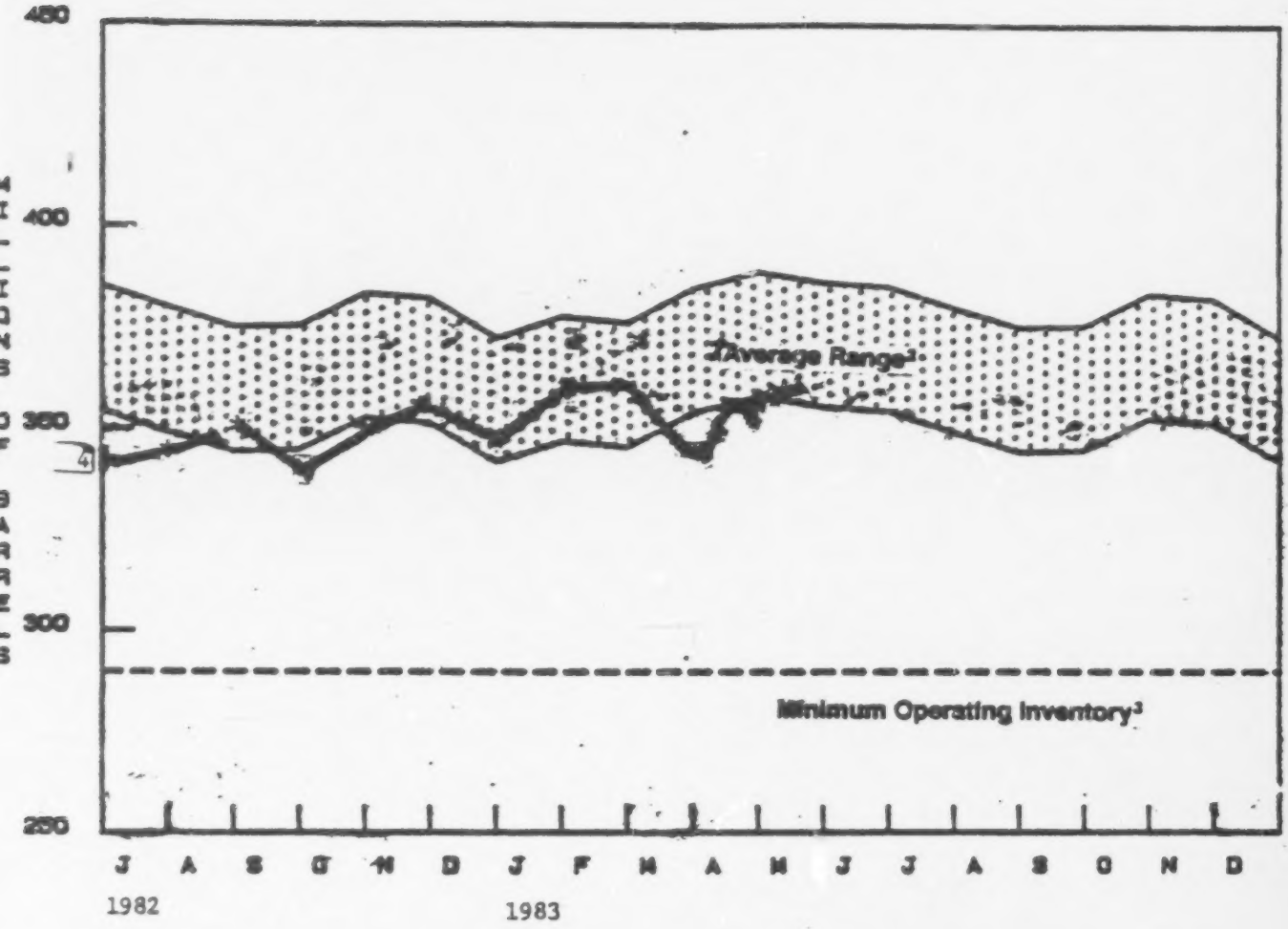
Week Ended May 27, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

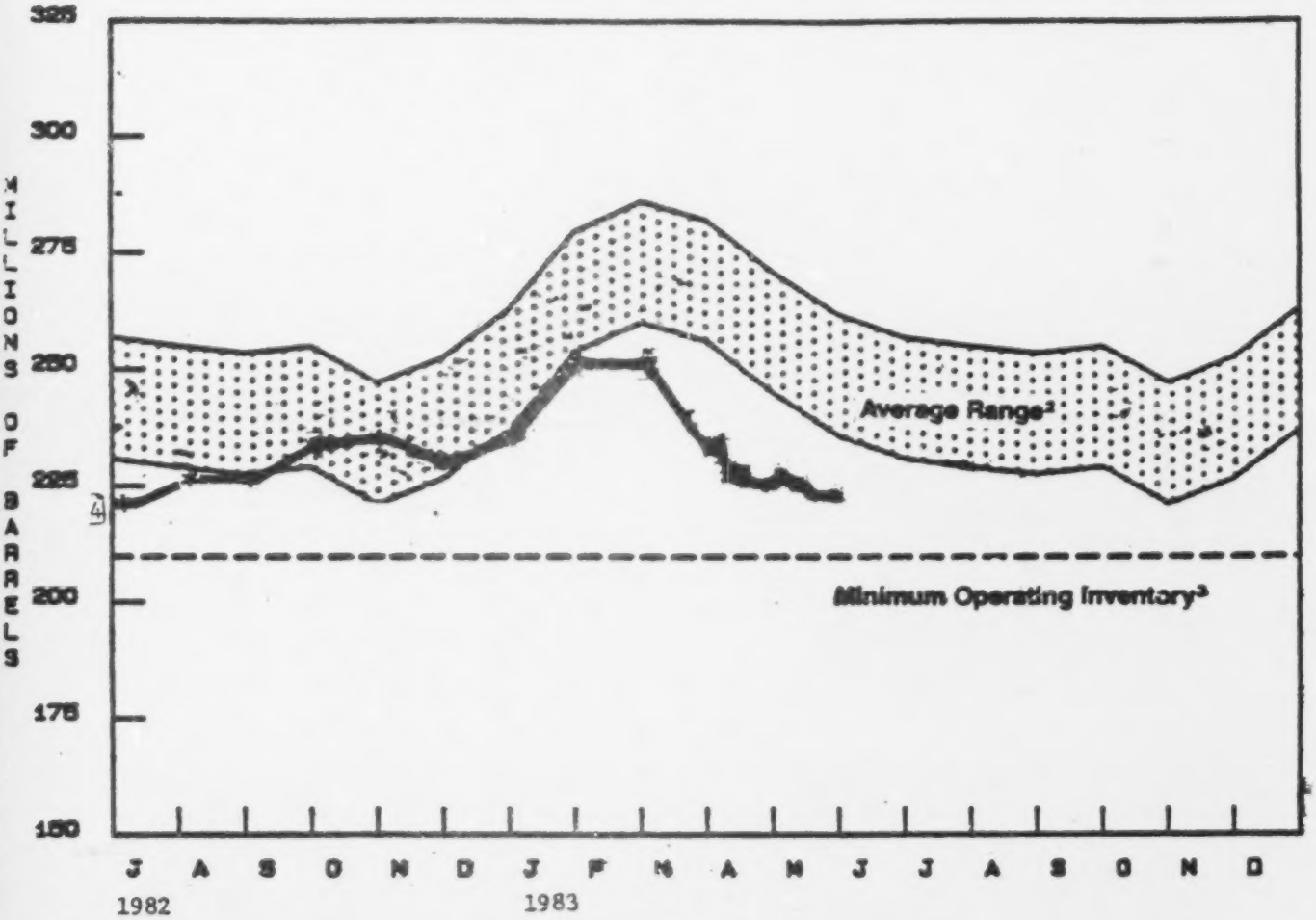
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended May 27, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

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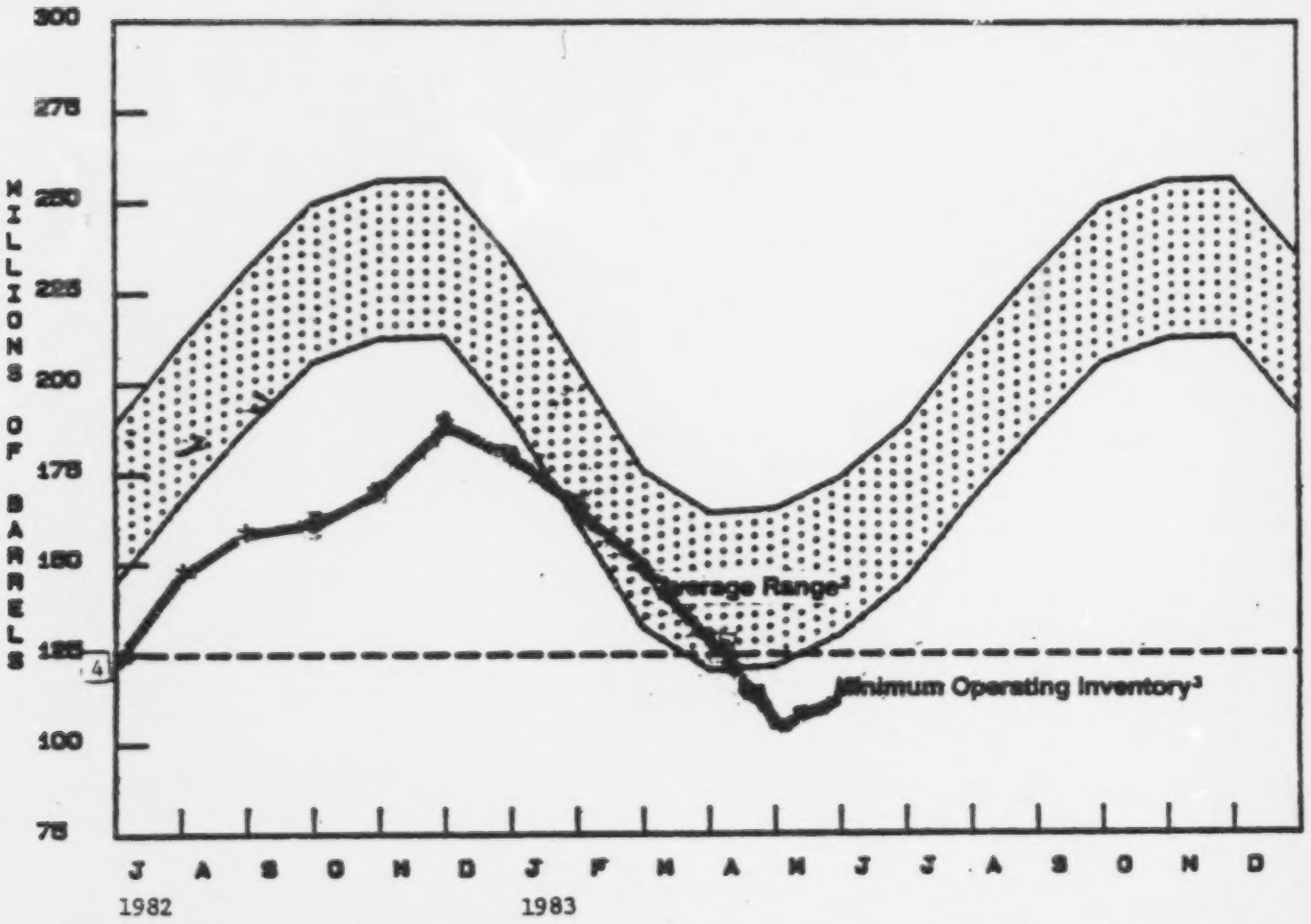
Week Ended May 27, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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